

CCTV Equipment**VIDEO LAUNCH AMPLIFIER / CAMERA POWER SUPPLY**

TYPE BH69/DC/B

DATA SHEET

- *Coaxial input / Twisted pair output*
- *Adjustable Gain*
- *Adjustable HF Lift at 5MHz to +6dB*
- *Camera power supply: 12V DC @ 250 mA*

**APPLICATION**

This unit has been designed to provide an interface between the camera and a twisted pair cable. The unit also incorporates a camera power supply.

Used in conjunction with a Video Line Corrector the BH69/DC/B will help the installer to obtain a good quality picture.

The unit has internal controls for Overall Signal Amplitude and High Frequency Lift, which can be adjusted to obtain the correct signal levels.

A 12V DC power supply is included with the unit.

Addlestone Electronics Ltd

DESIGNED AND MANUFACTURED IN UK

INPUT SIGNAL REQUIREMENT	Composite video in colour or monochrome or other wide band signals within a frequency bandwidth of between 30Hz to 5MHz.
INPUT IMPEDANCE	<i>Internally terminated in 75 ohms (unbalanced).</i>
INPUT SIGNAL AMPLITUDE	<i>Nominal 1 volt peak to peak.</i>
OUTPUT SIGNAL AMPLITUDE	<i>Nominal 2 volts peak to peak @ 150 ohms.</i>
AT UNITY GAIN	<i>Differential Phase < 3 degrees / Differential Gain < 3%.</i>
INTERNAL GAIN CONTROL	<i>Variable from -3dB to +6dB.</i>
INTERNAL HF LIFT CONTROL	<i>Variable from -3dB to +6dB.</i>
OUTPUT PROTECTION	<i>The output is protected against shorted or open circuit lines.</i>
INPUT CONNECTOR	<i>BNC socket.</i>
OUTPUT CONNECTOR	<i>Binding posts</i>
CAMERA POWER SUPPLY	<i>Maximum of 250mA at 12V DC (using AC-DC adapter supplied with unit).</i>
<i>NOTE: AC-DC adapters with higher current ratings can be specified.</i>	
POWER REQUIREMENTS	<i>+12V DC for BH69/DC/B unit. 230V AC @ 50Hz for AC - DC adapter.</i>
POWER CONSUMPTION	<i>Approx. 360 mW for BH69/DC/B unit only. Approx. 6.0 Watts for BH69 unit and AC-DC adapter powering a 250mA rated camera.</i>
WEIGHT OF EQUIPMENT	<i>90 grams. (Excluding AC-DC adapter)</i>
DIMENSIONS OF EQUIPMENT	<i>Height 62mm Depth 110mm</i>

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